

Table 4. Nonpersistent Pesticide Levels* (µg/L)[†] in Urine of People Living in the United States and People Living in Churchill County, Nevada

Nonpersistent Pesticide or Metabolite	United States		Churchill County		Comparison
	Geometric Mean (95% Confidence Interval) [‡]	95 th Percentile	Geometric Mean (95% Confidence Interval)	% > U.S. 95 th percentile	
1-Naphthol	1.70 (1.38–2.09)	12.0 (7.20–19.0)	NC [§]	9.0	L
Methyl parathion	NC	5.0 (3.30–9.0)	NC	10.0	— [¶]
Acephate	NA [#]	NA	NC	NC	NC
Azinophos	NA	NA	NC	NC	NC
Carbofuranphenol	NC	0.74 (NC–1.30)	NC	0.0	—
Chlorpyrifos	1.77 (1.56–2.01)	9.90 (7.60–14.0)	2.46 (1.93–3.14)	16.0	H ^{**}
Coumaphos	NA	NA	NC	NC	NC
Diazinon	NC	NC	NC	0.0	—
Diethyldithiophosphate	NC	0.87 (0.65–1.0)	NC	9.0	—
Diethylphosphate	1.03 (0.76–1.40)	13.0 (8.00–21.0)	NC	4.0	L
Diethylthiophosphate	NC	2.20 (1.70–2.80)	1.04 (0.81–1.33)	30.0	H
Dimethyldithiophosphate	NC	19.0 (17.0–37.0)	NC	4.0	—
Dimethylphosphate	NC	13.0 (9.50–21.0)	NC	8.0	—
Dimethylthiophosphate	1.82 (1.43–2.32)	46.0 (38.0–60.0)	NC	8.0	L
Isazophos	NA	NA	NC	NC	NC
Malathion	NC	NC	NC	0.0	—
Methamidophos	NA	NA	NC	NC	NC
Pirimiphos	NA	NA	NC	NC	NC
Propoxur	NC	NC	NC	0.0	—
2,4-Dichlorophenol	1.11 (0.88–1.40)	22.0 (17.0–31.0)	1.15 (0.91–1.46)	1.0	—
2,4,5-Trichlorophenol	NC	16.0 (4.30–39.0)	4.48 (3.64–5.53)	24.0	H
2,4,6-Trichlorophenol	2.85 (2.58–3.15)	25.0 (17.0–37.0)	NC	17.0	H
Pentachlorophenol	NC	1.30 (0.66–2.0)	NC	4.0	—
2,4-D	NC	NC	NC	9.0	—
2,4,5-T	NC	NC	NC	0.0	—
Atrazine	NC	NC	NC	0.0	—
3-Phenoxybenzoic acid	NA	NA	NC	0.0	NC
o-Phenylphenol	0.49 (0.41–0.59)	2.0 (1.60–2.50)	NC	18.0	H
DEET	NC	NC	NC	0.0	—
2,5-Dichlorophenol	6.01 (4.22–8.57)	440 (240–700)	NC	0.0	L
2-Naphthol	0.47 (0.33–0.68)	15.0 (9.90–19.3)	0.98 (0.73–1.32)	9.0	H

* Urine levels are noncreatinine adjusted. Blood levels are not lipid-adjusted.

[†] Micrograms per liter

[‡] The interval of numbers in which we are 95% assured the value is contained.

[§] Not Calculated was used when less than 60% of the study population had detectable levels of this chemical

^{||} The upper boundary of the Churchill County CI was below the lower boundary of the CI for the U.S. level and b) less than 10% of the Churchill County participants had a value above the U.S. 95th percentile.

[¶] The Churchill County geometric mean is consistent with national estimates.

[#] Not available. This pesticide was not included in the *Second National Report on Human Exposure to Environmental Chemicals*, 2003.

^{**} The lower boundary of the Churchill County confidence interval (CI) was higher than the upper boundary of the CI for the U.S. level or, b) more than 10% of the Churchill County participants had a value above the U.S. 95th percentile.